STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.
F.A.P. 351	2008- 001VB	соок		579	519
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT-					CT-
		COL	ITRA	ACT NO.	60E10

SHEET NO. 17 24 SHEETS

For Continuation See Wall "J", Sheet 18 For Continuation See Wall "H", Sheet 16 Sta. 93+91.47 End of Wall "I" 63'- 8" - End to End of Wall (Stage 1) Sta. 93+27.80 Start of Wall "I" 21'- 3" 21'- 3" 21'- 2" Contraction
Joint Spacing 6'-10'2" 6 - Bicycle Railing Posts @ 10' -0" cts. 6'-912" Railing Post Spacing _1" Exp. Jt. Wall "J" -EL. 604.48 _EL. 604.48 ~ Level -US Route 6 #5 s100(E) bars —8x3 - #5 h127(E) bars @ 12" cts. E.F. • Railing Post (Typ.) gutter line -8 - Bar Splicer (E) - B/wall for #5 bars E.F. EL. 597.23 *32x4 - #5 d100(E) bars @ 2'-0" cts. Each Way 64 - #5 v117(E) bars @ 12" cts. E.F. * indicates 32 columns of bars with 4 rows of bars per column. ELEVATION Wall "H" Footing Wall "J" Cast with Water Sealfrom Wall "H" -Sta. 93+91.47 Sta. 93+27.88-32.08' RT. 32.08' RT.

r-Existing Abut. Removal** P.C.C. Sidewalk -Bicycle Face of S. Abut. -Railing ← h127(E) Elev. 604.48 Edge of -S. Abut. Footing 600.00 Elev. 597.23± Drill & Grout — Varies #5 d100(E) Bars © 2'-0" cts. vert. 2'-0" cts. horz. Roadway Roadway - Remove face of existing abutment stem as necessary** SECTION STA. 93+27.80 TO 93+91.47

> ** Paid for as "Concrete Removal" See SN 016-2819 plans for quantities.

10'-5³8"

BILL OF MATERIAL RETAINING WALL "I"

No. Size Length Shape Bar d100(E v117(E) 128 Cu. Yd. 20.1 Reinforcement Bars, Pound 2,390 Epoxy Coated Each 16 Bar Splicers

PLAN

(Wall reinforcement has been omitted for clarity)

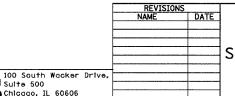
63'- 7"

Notes:

1. Minimum Bar Laps are as follows: #5 = 2'-2"

F.F. = Front Face B.F. = Back Face E.F. = Each Face T&B = Top & Bottom

- 2. Contractor to place contraction joints at location of existing abutment construction joints.
- 3. For details of Bicycle Railing, see Sheet 23.
- 4. Bars indicated thus 8x3 #5 etc. indicates 8 lines of bars with 3 lengths of bars per line.



BAR s100(E)

BAR d100(E)

URS 50111 HOCK.
Sulte 500
Chicago, IL 60606
(312) 939-1000

ILLINOIS DEPARTMENT OF TRANSPORTATION US RTE 6 FROM I-294 TO IL RTE 1

RETAINING WALL "I" STA. 93+27.80 TO 93+91.47

U.S. 6 MAINLINE RETAINING WALLS ALONG 159TH STREET

SCALE:

3\str	DESIGNED	MAD
3.0E°	CHECKED	JPB
704	DRAWN	MDS
q:\1	CHECKED	DEY